Name:

p1103: Expand Product of Linear Binomials (v13)

Question 1

Expand the product of linear binomials. $(x - 8)(x + 5)$

$$x^2 + 5x - 8x - 40$$

$$x^2 - 3x - 40$$

Question 2

Expand the product of linear binomials. $(x + 6)(x + 6)$

$$x^2 + 6x + 6x + 36$$

$$x^2 + 12x + 36$$

Question 3

Expand the product of linear binomials. $(x - 8)(x + 1)$

$$x^2 + x - 8x - 8$$

$$x^2 - 7x - 8$$

Question 4

Expand the product of linear binomials. $(7x + 7)(5x + 1)$

$$35x^2 + 7x + 35x + 7$$

$$35x^2 + 42x + 7$$

Question 5

Expand the product of linear binomials. $(-x + 1)(-4x - 8)$

$$4x^2 + 8x - 4x - 8$$

$$4x^2 + 4x - 8$$

Question 6

Expand the product of linear binomials. $(x-3)(x-3)$

$$x^2-3x-3x+9$$

$$x^2-6x+9$$

Question 7

Expand the product of linear binomials. $(4x-2)(-x+3)$

$$-4x^2+12x+2x-6$$

$$-4x^2+14x-6$$

Question 8

Expand the product of linear binomials. $(x+1)(x+8)$

$$x^2+8x+x+8$$

$$x^2+9x+8$$

Question 9

Expand the product of linear binomials. $(-6x+7)(-7x-2)$

$$42x^2+12x-49x-14$$

$$42x^2-37x-14$$

Question 10

Expand the product of linear binomials. $(2x+3)(-5x+2)$

$$-10x^2+4x-15x+6$$

$$-10x^2-11x+6$$